

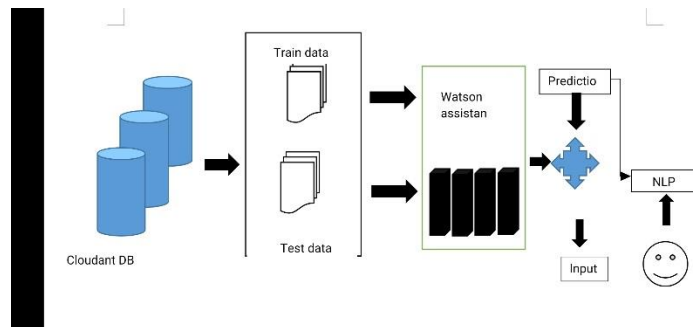
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID36162
Project Name	Fertilizer recommendation system for disease prediction
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

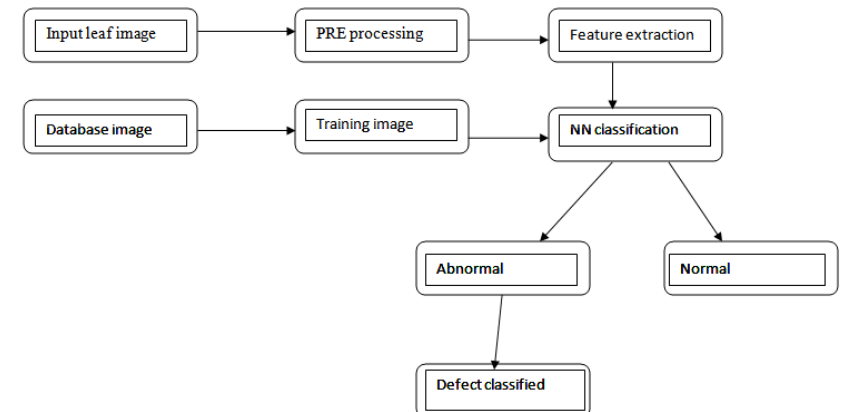
(Simplified)



User Stories

Use the below template to list all the user stories for the product.

Level 0 DFD diagram



User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard		As a user u can see the improvement as a graph		Medium	Sprint-2
Customer (Web user)	User input		The input is given as a image or a dataset		Medium	Sprint-1
Customer Care Executive	Feature extraction		the process of transforming raw data into numerical features that can be processed while preserving the information in the original data set.		High	Sprint-1
Administrator	prediction		Leaves are affected by bacteria, fungi, virus, and other insects. Support Vector Machine (SVM) algorithm classifies the leaf image as normal or affected		Low	Sprint-2
	classifier		Artificial neural network is used to assign a class label to data input		Medium	Sprint-1